

2

Profile, Decks & B' hds.

Smiths Dock Co.

837. 8. 9.

Mo. 30/11/27.

24 - 10 - 27.

837. Deepwater. *now Hamildoc* *

838. Clearwater. *now "W. Grenora"*

839. Stillwater. *now Heymont*

bag



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Lloyd's Register
Foundation

004900-004905-0121

Midship Section

Smith's Dock Co.

837. 8. 9.

Y.B. 30/11/27.

24 - 10 - 27.

837. Deepwater. *now Hamildoc* *

838. Clearwater. *now "W" Grenora*

839. Stillwater. *now Keybelt*



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Bag

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3

Rudder & Sternframe.

Smiths Dock Co.

837. 8-9.

26-10-27.

HAMILTON *

837. Deepwater, new Hamilton

838. Clearwater, new "Grenora"

839. Stillwater, new Dieymont

log



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SHIP N^{OS} 837-8-9

STERN AND RUDDER FRAMES.

SCALE $\frac{1}{2}" = 1 \text{ FT.}$

OF FORGED STEEL TO PASS BRITISH CORPORATION TESTS.

TO CLASS B.S. * FOR SERVICE ON THE GREAT LAKES AND GULF OF ST. LAWRENCE

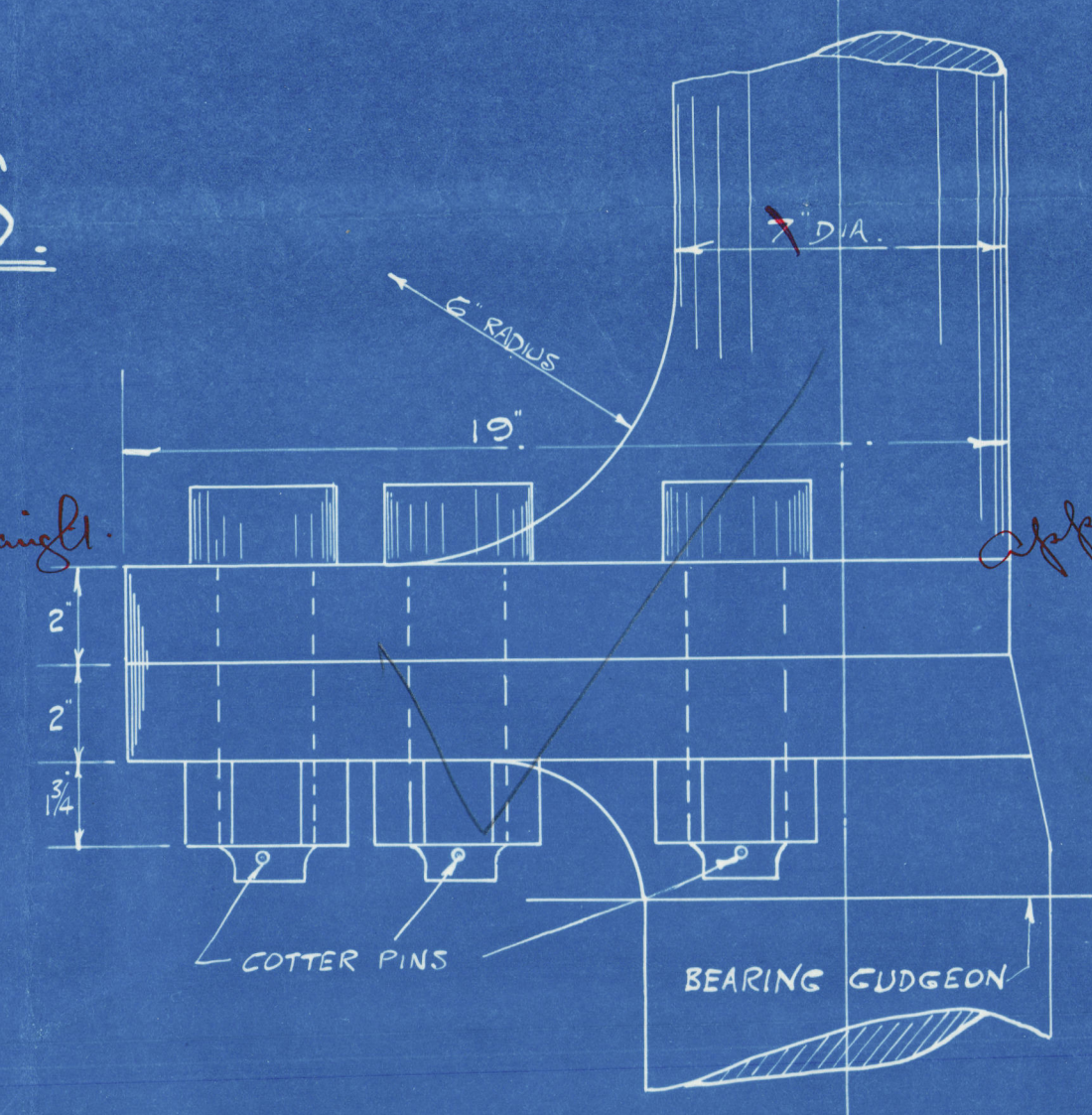
AREA ABAFT $\frac{1}{2}$ OF STOCK = 75.08 $\frac{1}{2}$ AREA FWD $\frac{1}{2}$ OF STOCK = 21.73 $\frac{1}{2}$ SPEED 9 KNOTS.

C.G. ABAFT $\frac{1}{2}$ OF STOCK = 1.99 FT. C.G. ABOVE BASE LINE 7.61 FT.

16.6" Draught

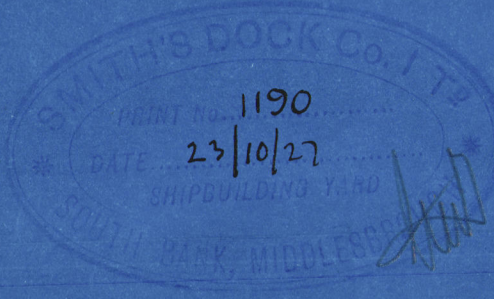
DETAIL OF COUPLING

SCALE $3" = 1 \text{ FOOT.}$



26.00.10.27

Approved
26.10.27



NOTE :-

ALL MACHINING & DRILLING TO BE DONE BY MAKERS

FRAME NOT TO BE PAINTED BUT HAVE ONE COAT OF OIL.

CENTRE LINE OF BEARING GUDGEON, BOTTOM GUDGEON &

MAIN PIECE TO BE IN A STRAIGHT LINE & SQUARE TO BASE LINE

WEIGHT OF FRAME TO BE PAINTED ON BEFORE DISPATCH

RUDDER FRAME: $\frac{5}{16}$ BRASS LINER TO BE CAST & GROOVED

GROOVES TO BE $\frac{5}{8}$ WIDE & $\frac{1}{8}$ DEEP. STOCK TO BE INCREASED

$\frac{3}{4}$ IN DIA. IN WAY OF ARMS. THE INCREASE TO BE UNIFORM &

EXTEND ABOVE AND BELOW EACH ARM EXCEPT THE BOTTOM

OF THE LOWER ARM FOR A DISTANCE OF $1\frac{1}{2}$ THEN TAPERED

OVER A SIMILAR DISTANCE INTO THE NORMAL DIA.

STERN FRAME: SPECIAL CARE TO BE TAKEN THAT HEIGHT OF

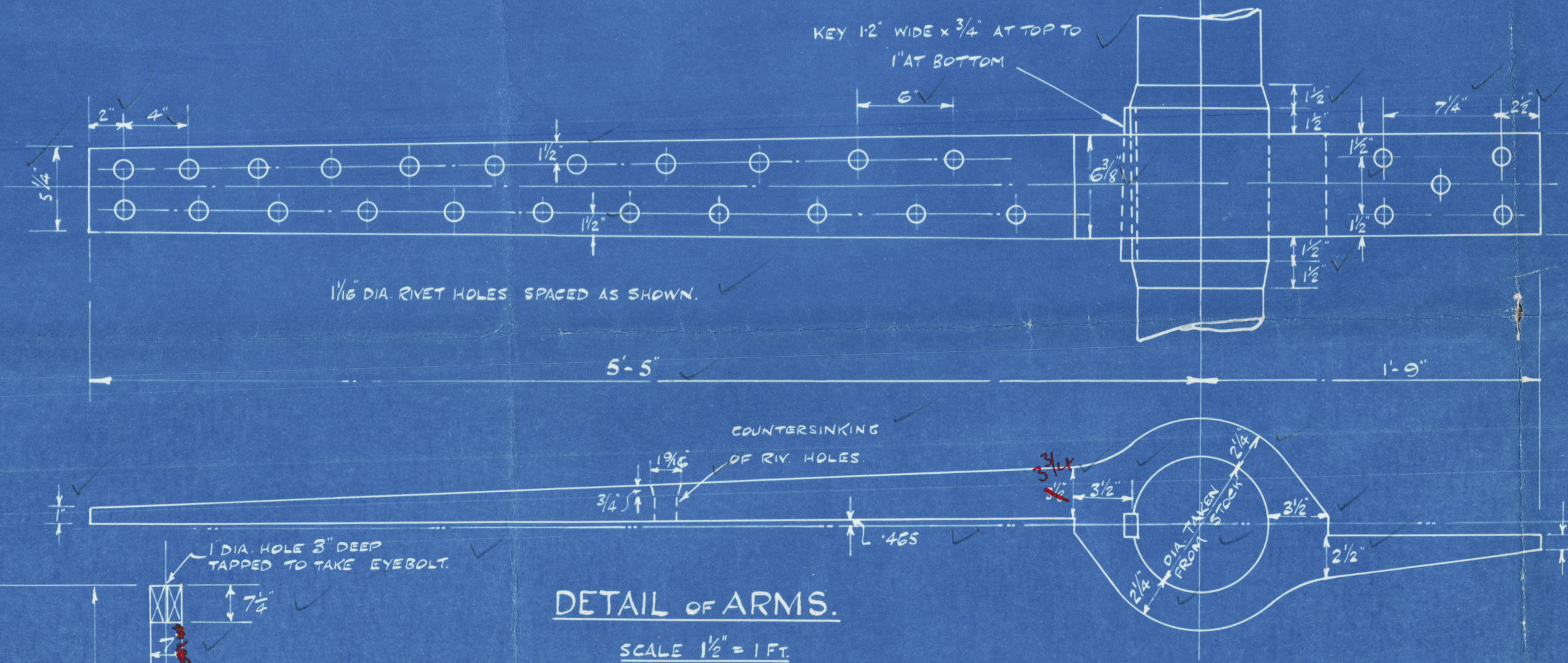
CENTRE OF SHAFT ABOVE BASE LINE IS CORRECT & THICKNESS OF

BOTTOM PIECE NOT EXCEEDED.

ANY ALTERATIONS MADE TO BE NOTIFIED TO

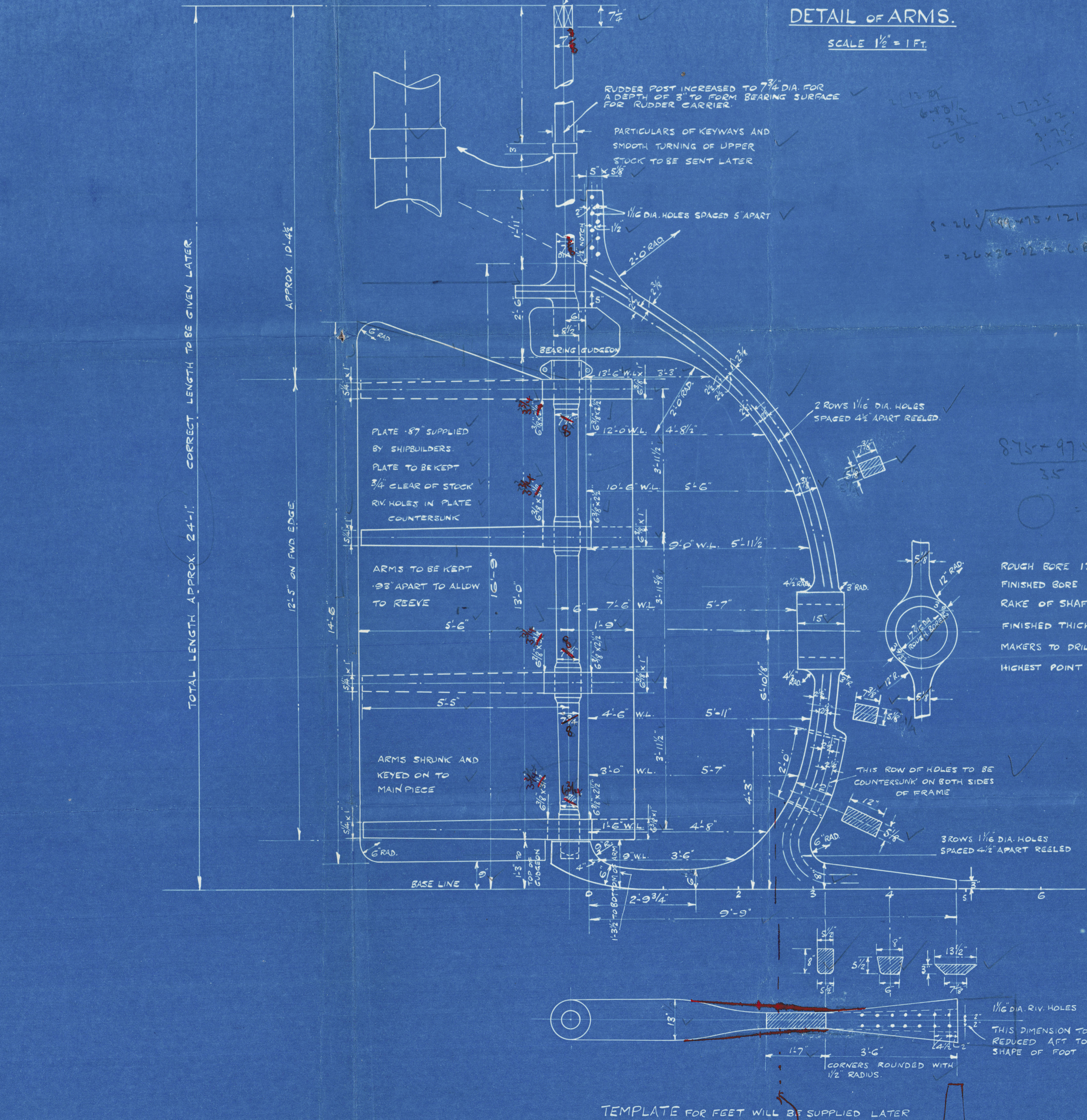
MESSRS. SMITH'S DOCK CO. LTD.

KEYWAYS TO BE ACCURATELY CUT TO DIMENSIONS GIVEN.



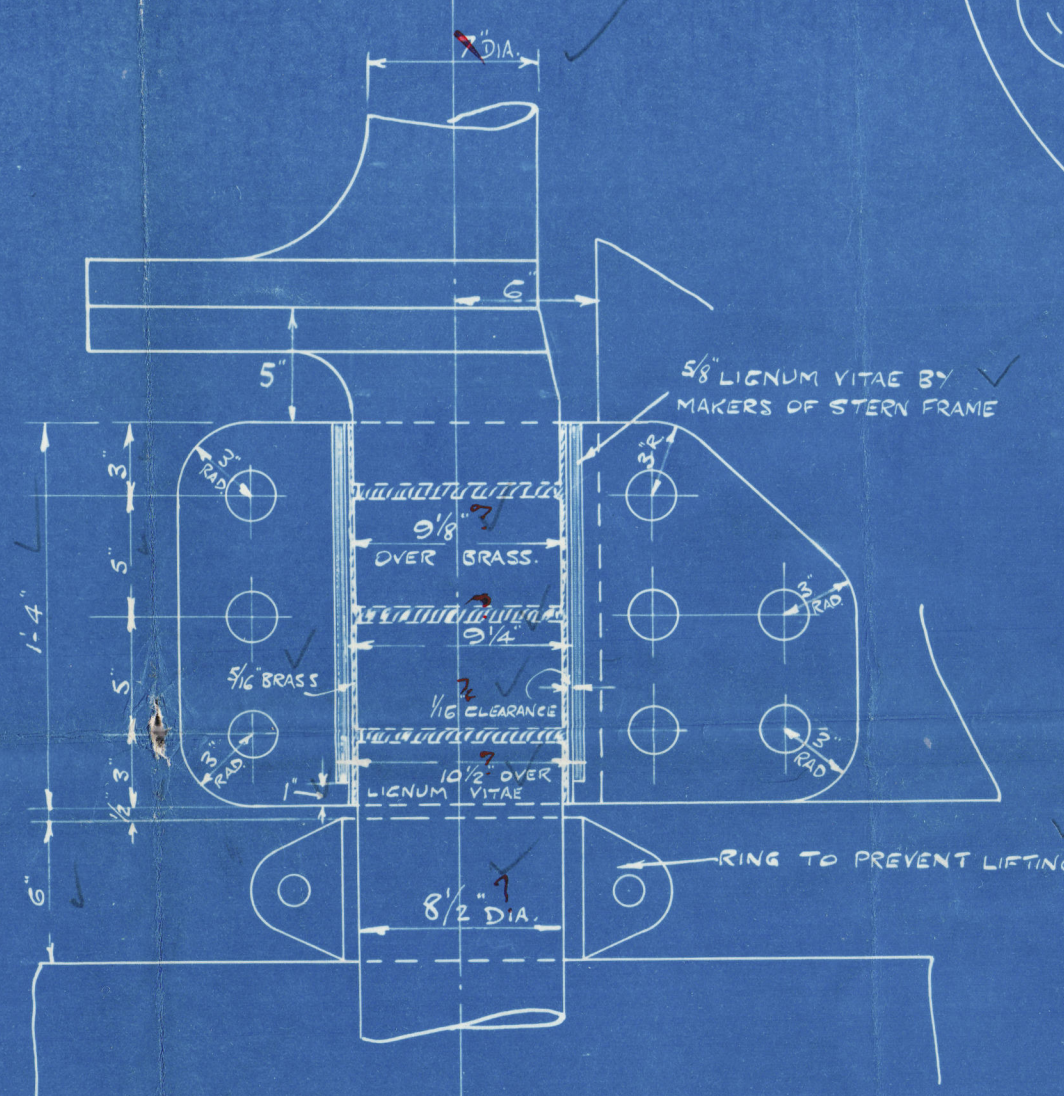
DETAIL OF ARMS.

SCALE $\frac{1}{2}" = 1 \text{ FT.}$

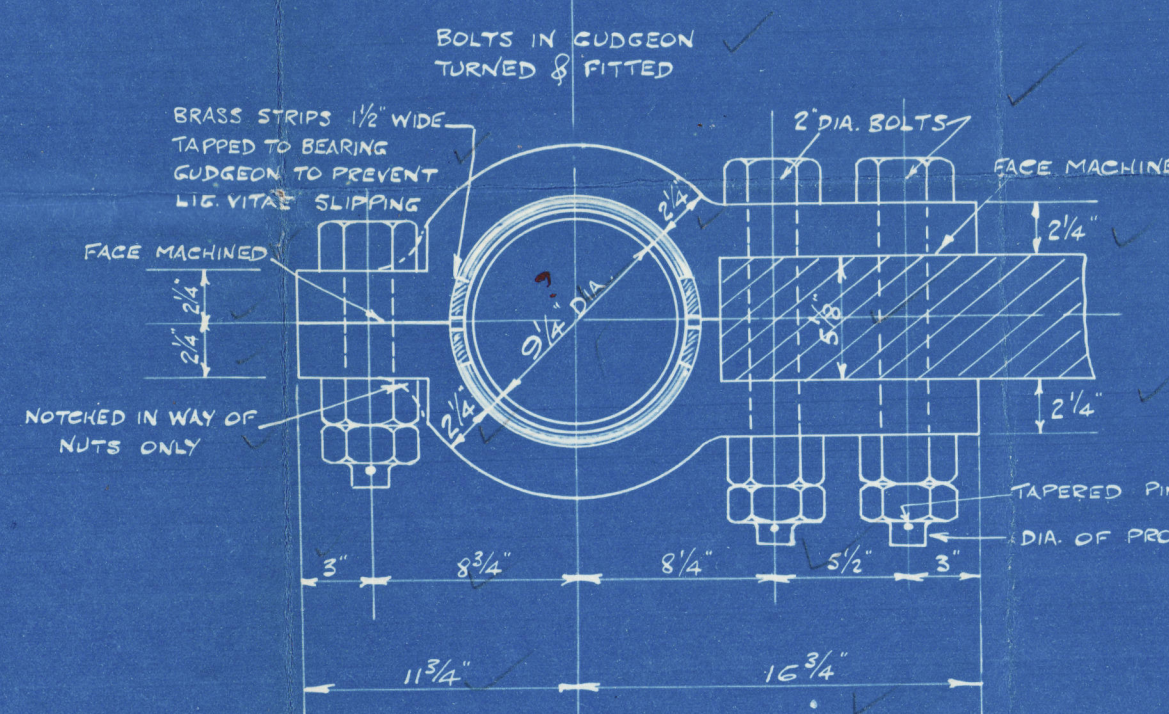
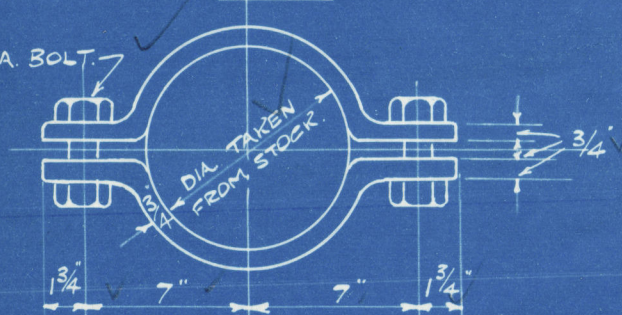


TEMPLATE FOR FEET WILL BE SUPPLIED LATER

This dimension increased so that transverse strength of section will not be less than at foot.



DETAIL OF RING TO PREVENT LIFTING

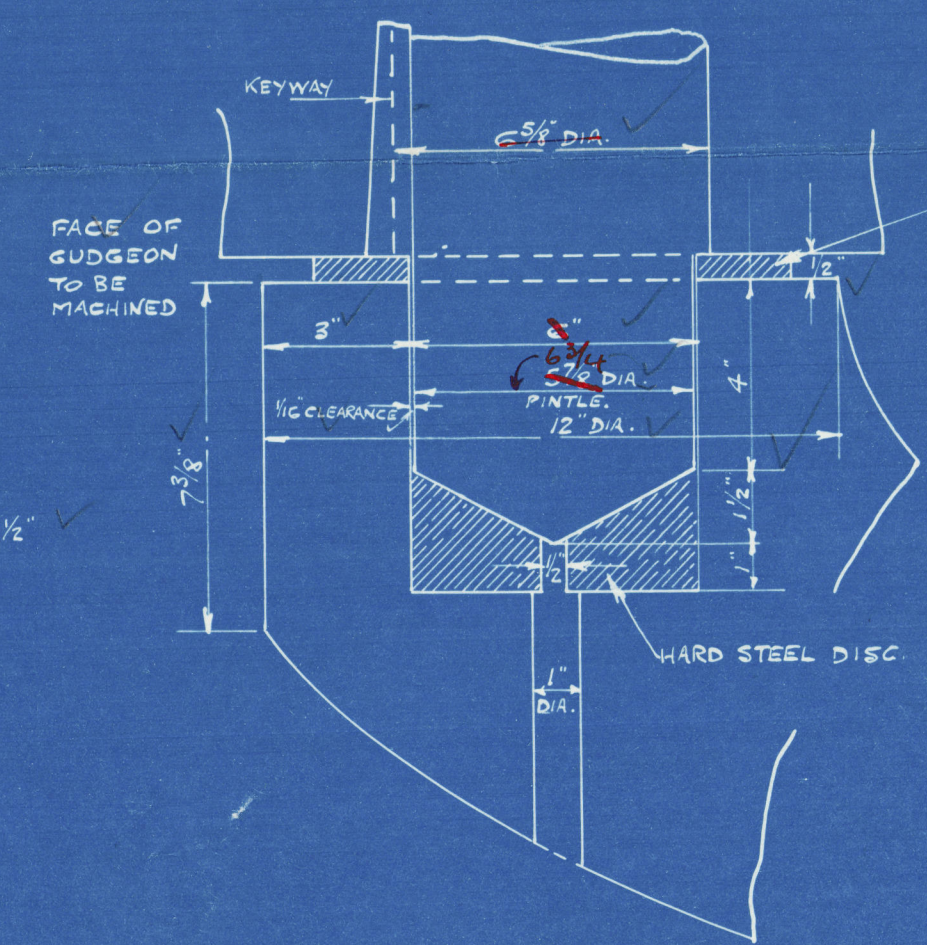
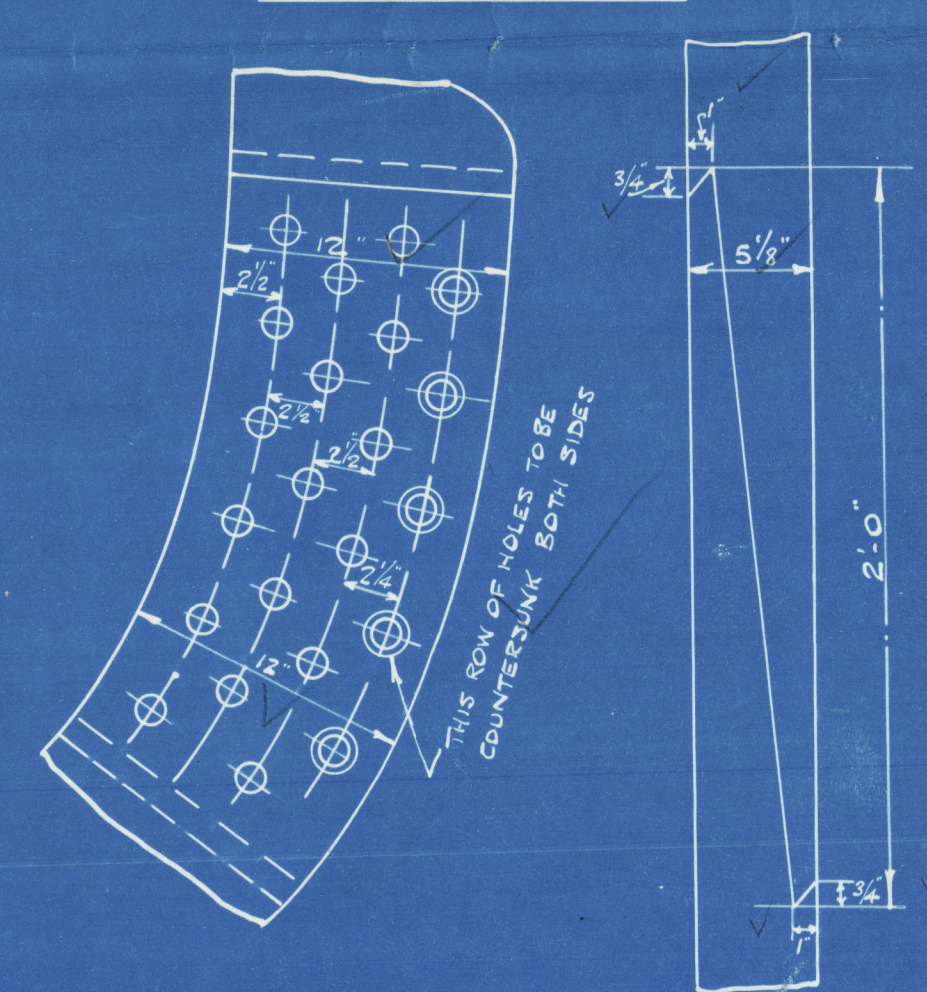


DETAIL OF BEARING AT GUDGEON

$\frac{1}{2}" = 1 \text{ FOOT.}$

DETAIL OF SCARPH

SCARPH TO BE MACHINED



DETAIL OF BOTTOM GUDGEON

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